

# Workman Nydegger

1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111  
Phone: (801) 533-9800  
Fax: (801) 328-1707

RECEIVED  
CENTRAL FAX CENTER

SEP 06 2005

## FAX TRANSMISSION COVER SHEET

Date: September 6, 2005  
To: United States Patent and Trademark Office  
Fax: 571-273-8300  
Phone: 703-308-1202  
Re: U.S. Serial No: 10/697,660  
Our Docket No.: 15436.441.9  
Sender: Tobi A. Terry, Paralegal to Eric L. Maschoff

YOU SHOULD RECEIVE 25 PAGE(S), INCLUDING THIS COVER SHEET. IF YOU DO NOT RECEIVE ALL THE PAGES, PLEASE CALL 801-533-9800

Please see attached documents

### PRIVILEGED AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS FACSIMILE MESSAGE IS ATTORNEY PRIVILEGED AND CONFIDENTIAL INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE TO DELIVER IT TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE IMMEDIATELY NOTIFY US BY TELEPHONE, AND RETURN THE ORIGINAL MESSAGE TO US AT THE ABOVE ADDRESS VIA THE U.S. POSTAL SERVICE. THANK YOU.

RICK D. NYDEGGER  
BRENT P. LORIMER  
THOMAS R. VUKSITICK  
LARRY R. LAYCOCK  
JONATHAN W. RICHARDS  
DAVID R. WRIGHT  
JOHN C. STRINGHAM  
JOHN M. GUYNN  
CHARLES L. ROBERTS  
DANA L. TANGREN  
ERIC L. MASCHOFF  
CHARLES J. VEVERKA  
ROBYN L. PHILLIPS  
RICHARD C. GILMORE  
STERLING A. BRENNAN  
R. BURNS ISRAELSEN  
DAVID R. TODD  
DAVID B. DELLENBACH  
L. DAVID GRIFFIN  
ADRIAN J. LEE  
FRASER D. ROY  
CARL T. REED

# WORKMAN | NYDEGGER

INTELLECTUAL PROPERTY ATTORNEYS

1000 EAGLE GATE TOWER  
60 EAST SOUTH TEMPLE  
SALT LAKE CITY, UTAH 84111  
TELEPHONE: (801) 533-9800  
FAX: (801) 328-1707  
WEBSITE: [HTTP://WWW.WNLAW.COM](http://www.wnlaw.com)

FILED VIA FACSIMILE

PATENT APPLICATION  
Docket No. 15436.441.9

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

James R. Biard et al.

Serial No.:

10/697,660

) Art Unit  
) 1765

Filed:

October 29, 2003

For:

LONG WAVELENGTH VCSEL  
DEVICE PROCESSING

Confirmation No.:

8412

Customer No.:

022913

Examiner:

Duy Vu Nguyen Deo



R. PARRISH FREEMAN, JR.  
PETER F. MALEN, JR.  
L. REX SEARS, PH.D.  
WILLIAM R. RICHTER  
ERIC M. KAMERATH  
ROBERT E. AYCOCK  
JENS C. JENKINS  
MICHAEL B. DODD  
KEVIN W. STINGER  
WILLIAM J. ATHAY  
RYAN D. BENSON  
SARA D. JONES  
TIGER KELLER  
JANNA L. JENSEN  
MATTHEW D. TODD  
J. LAVAR OLDMAN  
MICHAEL J. FRODSHAM  
JOSEPH L. KRUPA  
BRETT A. HANSEN  
BRETT I. JOHNSON  
MATTHEW A. BARLOW  
WESLEY C. ROSANDER  
ANDREW S. HANSEN  
CHAD E. NYDEGGER  
JOSEPH G. PIA  
CLINTON E. DUKE  
RYAN N. PARR  
JAMES B. BELSHE  
KIRK R. HARRIS  
KEELY SCHNEITER  
MICHAEL M. BALLARD  
DAVID A. JONES  
SHANE K. JENSEN  
JONATHAN M. BENNIS, PH.D.

VERNON R. RICA §  
OF COUNSEL

**TRANSMITTAL FOR RESUBMISSION OF REVOCATION AND  
SUBSTITUTE POWER OF ATTORNEY AND  
CHANGE OF ATTORNEY DOCKET NUMBER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**Resubmitted** herewith for filing is a Revocation and Substitute Power of Attorney and Change of Attorney Docket Number.

The above documents were originally submitted on July 1, 2004 and were received by the Office of Initial Patent Examining as evidenced by the attached copy of the stamped postcard.

\* Admitted only in California  
§ Admitted only in Virginia

VIA FACSIMILE

PATENT APPLICATION  
Docket No. 15436.441.9

Please immediately enter Workman Nydegger as the attorneys of record and address all future correspondence in connection with the above-identified patent application to the attention of the undersigned. A duplicate copy of this letter is enclosed.

Dated this 6<sup>th</sup> day of September 2005.

Respectfully submitted,



Eric L. Maschoff  
Attorney for Applicant  
Registration No. 36,596  
Customer No. 022913

TAT0000001449V001

TO THE UNITED STATES PATENT AND TRADEMARK OFFICE:  
PLEASE STAMP AND RETURN, THANK YOU.

SUBMITTED: Transmittal Letter (2 pgs); Revocation and Substitute Power  
of Attorney with Exhibits A & B (4 pgs); Change of Attorney Docket Number  
(2 pgs); postcard; and Certificate of Express Mailing Label No. EV 533104231 US

Applicant(s): Biard, et al.  
For: LONG WAVELENGTH VCSEL DEVICE PROCESSING  
Serial No.: 10/697,660  
Filed: October 29, 2003  
Date of Mailing: July 1, 2004  
Docket: 15436.44119  
Contact: ERIC L. MASCHOFF  
(801) 533-9800





EXPRESS MAIL LABEL NO. EV 533104231 US

PATENT  
Docket No.: 15436.441.9

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Biard, et al.

Serial No.:

10/697,660

) Art Unit  
) 1765

Confirmation No.:

8412

Filed:

October 29, 2003

For:

LONG WAVELENGTH VCSEL DEVICE  
PROCESSING

Examiner:

Unassigned

CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. § 1.10

"Express Mail" Mailing Label No.: EV 533104231 US

I hereby certify that the following documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 1 day of July, 2004:

- Transmittal Letter (1 pg.)
- Revocation and Substitute Power of Attorney with Exhibits A & B (15 pgs.)
- Change of Attorney Docket Number (2 pgs.)
- Postcard

Respectfully submitted,

  
Kimberly Kendrick, Paralegal to R. Burns Israelsen  
Customer No. 022913RBI:kk  
KKK0000003580V001

RECEIVED  
CENTRAL FAX CENTER

SEP 06 2005

EXPRESS MAIL LABEL NO. EV 533104231 US

PATENT  
Docket No.: 15436.441.9

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Biard, et al.

Serial No.:

10/697,660

) Art Unit  
) 1765

Confirmation No.:

8412

Filed:

October 29, 2003

For:

LONG WAVELENGTH VCSEL DEVICE  
PROCESSING

Examiner:

Unassigned

REVOCATION AND SUBSTITUTE POWER OF ATTORNEYCommissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, the undersigned, Frank H. Levinson, state that I am Chairman of the Board of Finisar Corporation and that I am authorized to execute this Revocation and Substitute Power of Attorney on behalf of Finisar Corporation.

I further state that Finisar Corporation is the assignee of the entire interest of the above-identified patent or patent application as shown by the assignment(s) recorded in the U.S. patent and Trademark Office at the Reel and Frame identified in Exhibit A. The assignee, Finisar Corporation, hereby revokes all previous powers of attorney in the above-identified patent or patent application, which is included in the schedule of U.S. Patents and Patent Applications of Exhibit B, and now hereby appoints all attorneys under:

**CUSTOMER NUMBER: 022913**

of WORKMAN NYDEGGER as attorney with full power of substitution and revocation, to prosecution said application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the Patent and Trademark Office connected therewith.

All correspondence and telephonic communication should be directed to:

**ERIC L. MASCHOFF**

at the address associated with the above-identified customer number.

This Revocation and Substitute Power of Attorney and Statement under 37 C.F.R. 3.73(b) is effective for all of the U.S. Patents and Patent Applications of Exhibit B, and shall be filed at the U.S. Patent & Trademark Office in all of said U.S. Patents and Patent Applications.

Signed this 16 day of March, 2004.

By: 

Frank H. Levinson  
Finisar Corporation  
1308 Moffett Park Drive  
Sunnyvale, California 94089



# EXHIBIT A

**EXHIBIT A**

A chain of title of U.S. Application No. 10/697,660 filed October 29, 2003, is shown in an assignment from the inventor(s) to Honeywell International, Inc. attached herewith and an assignment from Honeywell International, Inc. to Finisar Corporation recorded at Reel 014484, Frame 0171.

JOINT

## PATENT

FILE NO. H0004489 (1139,1133101)

1	WHEREAS, We, <u>James R. Biard</u>	of <u>207 Martha Manor, Richardson</u>
	County of <u>Dallas</u>	and <u>State of Texas</u>
	<u>Klein L. Johnson</u>	of <u>2227 Highland Parkway, St. Paul</u>
	County of <u>Ramsey</u>	and <u>State of Minnesota</u>
	<u>Ralph H. Johnson</u>	of <u>211 Ridgeview, Murphy</u>
	County of <u>Collin</u>	and <u>State of Texas</u>
	<u>Gyoungwon Park</u>	of <u>266 Cherry Hill Trail, Medina</u>
	County of <u>Hennepin</u>	and <u>State of Minnesota</u>
	<u>Tzu-Yu Wang</u>	of <u>7933 Kimberly Lane North, Maple Grove</u>
	County of <u>Hennepin</u>	and <u>State of Minnesota</u>

have invented certain new and useful improvements in

for which an application is about to be made for Letters Patent of the United States, said application having been executed on even date herewith; and

Whereas, Honeywell International Inc., a corporation organized and existing under the laws of the State of Delaware, and having its principal offices at Honeywell International Inc., 101 Columbia Road, Morristown, NJ 07962, is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor;

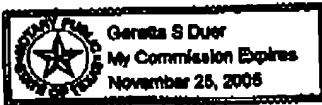
Now, therefore, for good and valuable consideration to us paid by the said Honeywell International Inc., the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Honeywell International Inc., its successors and assigns, our entire right, title and interest in and to said invention, said application and the Letters Patent, both foreign and domestic, that may or shall issue, including all of our rights under any and all international conventions, treaties and/or agreements concerning patents to which the United States is a party, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned assignee in accordance herewith.

We further authorize said assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of any international convention, treaty and/or agreement.

We do hereby covenant and agree with the said assignee, its successors and assigns, that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said assignee, its successors and assigns, execute such additional writings and do such additional acts as said assignee, its successors and assigns, may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or any of and all foreign countries on said invention, and in enforcing any rights, occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

Date 7/25, 2003State of Texas )County of Dallas )ss.James R. Biard  
James R. Biard

On this 25th day of July, 2003, before me personally appeared James R. Biard to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

Geretta S. Duer  
Notary Public, County Dallas  
State of Texas  
My Commission Expires 11-25-05

Date \_\_\_\_\_, 2003

State of \_\_\_\_\_ )

County of \_\_\_\_\_ )ss.

Klein L. Johnson

On this \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally appeared Klein L. Johnson to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

\_\_\_\_\_  
Notary Public, County \_\_\_\_\_  
State of \_\_\_\_\_  
My Commission Expires \_\_\_\_\_

Date \_\_\_\_\_, 2003

State of \_\_\_\_\_ )

County of \_\_\_\_\_ )ss.

Ralph H. Johnson

On this \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally appeared Ralph H. Johnson to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

\_\_\_\_\_  
Notary Public, County \_\_\_\_\_  
State of \_\_\_\_\_  
My Commission Expires \_\_\_\_\_

Date \_\_\_\_\_, 2003

James R. Biard

State of \_\_\_\_\_ )  
 )ss.  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally appeared James R. Biard to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

Notary Public, County \_\_\_\_\_  
State of \_\_\_\_\_  
My Commission Expires \_\_\_\_\_

Date October 2, 2003

Klein L. Johnson  
Klein L. Johnson

State of Minnesota )  
 )ss.  
County of Hennepin )

On this 2nd day of October, 2003, before me personally appeared Klein L. Johnson to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.



Colleen Sue Dupont  
Notary Public, County Hennepin  
State of Minnesota  
My Commission Expires Jan. 31, 2005

Date \_\_\_\_\_, 2003

Ralph H. Johnson

State of \_\_\_\_\_ )  
 )ss.  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally appeared Ralph H. Johnson to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

Notary Public, County \_\_\_\_\_  
State of \_\_\_\_\_  
My Commission Expires \_\_\_\_\_

Date \_\_\_\_\_, 2003

James R. Biard

State of \_\_\_\_\_)

)ss.

County of \_\_\_\_\_)

On this \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally appeared James R. Biard to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

Notary Public, County \_\_\_\_\_

State of \_\_\_\_\_

My Commission Expires \_\_\_\_\_

Date \_\_\_\_\_, 2003

Klein L. Johnson

State of \_\_\_\_\_)

)ss.

County of \_\_\_\_\_)

On this \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally appeared Klein L. Johnson to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

Notary Public, County \_\_\_\_\_

State of \_\_\_\_\_

My Commission Expires \_\_\_\_\_

Date August 6, 2003

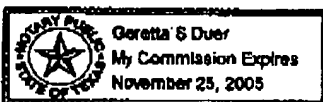
Ralph H. Johnson

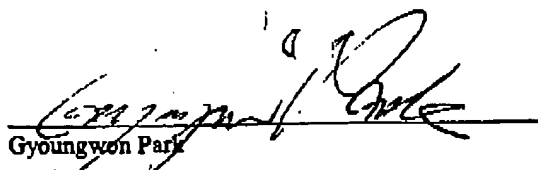
State of Texas)

)ss.

County of Dallas)

On this 6th day of August, 2003, before me personally appeared Ralph H. Johnson to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

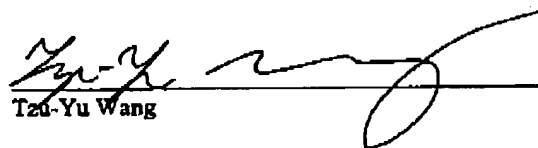
Geretta S. DuerNotary Public, County DallasState of TexasMy Commission Expires 11-23-05

Date 7-29, 2003State of MinnesotaCounty of Hennepin ss.  
Gyoungwon Park

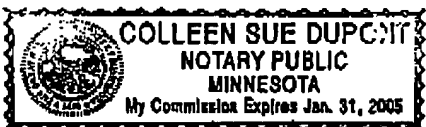
On this 29<sup>th</sup> day of July, 2003, before me personally appeared Gyoungwon Park to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.



Colleen Sue Dupont  
Notary Public, County Hennepin  
State of Minnesota  
My Commission Expires Jan. 31, 2005

Date 7/29, 2003State of MinnesotaCounty of Hennepin ss.  
Tzu-Yu Wang

On this 29<sup>th</sup> day of July, 2003, before me personally appeared Tzu-Yu Wang to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.



Colleen Sue Dupont  
Notary Public, County Hennepin  
State of Minnesota  
My Commission Expires Jan. 31, 2005

# EXHIBIT B



**Exhibit B**  
**Patents and Patent Applications Subject to Revocation and Substitute Power of Attorney**

15435.432.4	Flexible Optic Connector Assembly	08/775330	31-Dec-86
15435.432.4.4	Flexible Optic Connector Assembly	10/136817	30-Apr-02
15435.432.6.1	Fiber Optic Header With Integrated Power Monitor	09/481627	12-Jan-00
15435.432.7.1	Multiple Pack Active Device Receptacle	08/795029	14-Feb-87
15435.432.7.2	Fiber Optic S-Bend Connector	08/814458	10-Mar-97
15435.433.3.3		10/350840	24-Jan-03
15435.433.4.1	Coupled Cavity Anti-Guided Vertical Cavity Surface Emitting	10/147136	13-May-02
15435.433.6.1	Metamorphic Long Wavelength High Speed Photodiode	10/413186	14-Apr-03
15435.434.1.1	Integration of Top-Emitting and Top-Illuminates Optoelectron	10/284863	31-Oct-02
15435.434.1.2	Integration of Top-Emitting and Top-Illuminates Optoelectron	09/547538	12-Apr-00
15435.434.2.1	Method and Apparatus For Hemispherically Sealing Photonic Device	10/444798	22-May-03
15435.434.3.1	Mechanical Stabilization of Lattice Mismatched Quantum Wells	10/634558	4-Aug-03
15435.434.5	Hermetic Chip-Scale Package For Photonic Devices	09/342801	29-Jun-99
15435.434.6	System and Method for Vcsel Polarization Control	08/577034	23-May-00
15435.434.7	Protective Side Wall Passive for Vcsel Chips	09/652555	31-Aug-00
15435.434.7.1	Protective Side Wall Passive for Vcsel Chips	10/427337	1-May-03
15435.435.1	Versatile Method and System for Single Mode Vcsels	09/724820	28-Nov-00
15435.435.1.1	Versatile Method and System for Single Mode Vcsels	10/617280	10-Jul-03
15435.435.1.2	Versatile Method and System for Single Mode Vcsels	10/617892	11-Jul-03
15435.435.2	Resonant Reflector For Use With Optoelectric Devices	09/751422	29-Dec-00
15435.435.3	Spatially Modulated Reflector For an Optoelectric Device Apparatus and Method Providing a Balancing Load to a Laser Differential Drive Circuit	09/751423	29-Dec-00
15435.435.4	Method and Apparatus For Producing Vcsels with Dielectric Mirrors and Self-Aligned Gain Guide	09/803821	12-Mar-01
15435.435.5	Methods and Systems for Wafer Level Burn-In of Electronic De	09/801167	14-Jun-01
15435.435.6		60/311916	13-Aug-01

**Exhibit B**  
**Patents and Patent Applications Subject to Revocation and Substitute Power of Attorney**

15436.435.7	Laser Light Sources Having Integrated Detector and Intensity Control and Methods of Producing Same	09/27/0073	20-Oct-01	
15436.436.1	Method and System for Releasing a Pluggable Module	10/006103	6-Dec-01	
15436.436.2	Vertical Cavity Surface Emitting Laser Including Indium Antimony and Nitrogen in the Active Region	10/026016	20-Dec-01	
15436.436.3	Vertical Cavity Surface Emitting Laser Including Indium Antimony and Nitrogen in the Active Region	10/026019	20-Dec-01	
15436.436.4	Vertical Cavity Surface Emitting Laser Including Indium Antimony and Nitrogen in the Active Region	10/026055	20-Dec-01	
15436.436.5	Vertical Cavity Surface Emitting Laser Including Indium Antimony and Nitrogen in the Active Region	10/026020	27-Dec-01	
15436.436.6	Indium Free Vertical Cavity Surface Emitting Laser	10/026044	27-Dec-01	
15436.436.7	Submount For Vertical Cavity Surface Emitting Laser and Detectors	10/026288	28-Dec-01	
15436.436.8	Current Confinement, Capacitance Reduction and Isolation of VCSELS Using Deep Elemental Traps	10/026303	28-Dec-01	
15436.437.1	Asymmetric Distributed Bragg Reflector for Vertical Cavity Surface Emitting Lasers	10/026435	28-Dec-02	
15436.437.2	Gain Guide Implant in Oxide Vertical Cavity Surface Emitting Laser	10/026436	28-Dec-02	
15436.437.3	Vertical Cavity Surface Emitting Laser Having a Gain Guide Aperture Interior to an Oxide Confinement Layer	10/026437	28-Dec-01	
15436.437.4	Wavelength Division Multiplexed Vertical Cavity Surface Emitting Laser	10/026438	28-Dec-01	
15436.437.5	Integral Vertical Cavity Surface Emitting Laser and Power Monitor	10/026439	28-Dec-01	
15436.437.6	Tunable Laser Assembly	10/037010	31-Dec-01	
15436.437.7	Optoelectric Devices and Methods of Production	10/037013	31-Dec-01	
15436.437.7.1	Optoelectric Devices and Methods of Production	10/066220	24-Sep-03	
15436.437.8	Long-Wavelength VCSEL Bottom Mirror	10/078422	21-Feb-02	
15436.438.1	Carbon Doped GaAsSb Suitable for Use in Tunnel Junctions of Long-Wavelength VCSELS	10/078473	21-Feb-02	
15436.438.2	GaAsAl (Ga)AS Distributed Bragg Reflector on InP	10/078474	21-Feb-02	
15436.438.3	Resonant Reflector for Increased Wavelength and Polarization Control	10/121490	12-Apr-02	
15436.438.4	Methods and Systems for Removing an Oxide-Induced Dead Zone in a Semiconductor Device Structure	10/158324	24-May-02	
15436.438.5	Wavelength Selective Detector	10/162828	4-Jun-02	

**Exhibit B**  
**Patents and Patent Applications Subject to Revocation and Substitute Power of Attorney**

15436.438.6	Optical Transceiver	10/163057	4-Jun-02	
15436.438.7	Method and Apparatus For Monitoring the Power of a Multi-Wavelength Optical Signal	10/163440	4-Jun-02	
15436.438.8	Atomic Hydrogen as a Surfactant in Production of Highly Strained InGaAs, InGaAsN, InGaAsSb, and/or GaAsN/Sb Quantum Wells	10/219425	14-Aug-02	
15436.438.9	Single Mode VCSEL	10/232382	3-Sep-02	
15436.439.1	Hybrid Mirror VCSELS	10/233112	3-Sep-02	
15436.439.2	Nitrogen Sources for Molecular Beam Epitaxy	10/233625	4-Sep-02	
15436.439.3	Oxide Confined VCSEL With a Thin Oxide and Enhanced Conduction	10/283381	28-Oct-02	
15436.439.4	Long-Wavelength Vertical Cavity Surface Emitting Lasers	10/283288	30-Oct-02	
15436.439.5	Selectively-Etchable Heterogeneous Composite Distributed Bragg	10/283311	30-Oct-02	
15436.439.6	Method and Apparatus for Monitoring the Power Level of Two	10/283835	30-Oct-02	
15436.439.7	High Speed Optical Transceiver Package Using Heterogeneous	10/292578	11-Nov-02	
15436.439.8	Long Wavelength VCSEL With Tunnel Junction and Implant	10/301380	21-Nov-02	
15436.439.9	Bidirectional Optical Device	10/308308	3-Dec-02	
15436.440.1	Optical Transceiver (CIP of 15436.438.8.1)	10/318365	11-Dec-02	
15436.440.10	Pluggable Optical Optic System Having a Lens Fiber Stop	10/456123	6-Jun-03	
15436.440.11	INP Base Long Wavelength VCSEL	10/506104	25-Jun-03	
15436.440.12	A Dielectric VCSEL Gain Guide	10/507629	27-Jun-03	
15436.440.13	VCSEL Having Thermal Management	10/507758	27-Jun-03	
15436.440.14	Enhanced Lateral Oxidation	10/507887	27-Jun-03	
15436.440.2	Angled Wafer Rotating Ion Implantation	10/323889	20-Dec-02	
15436.440.3	Material System for Bragg Reflector in Long Wavelength VCSEL	10/323923	20-Dec-02	
15436.440.4	Zero-Clearance Receptacle Design For Single Mode Optical Fib	10/347789	22-Jan-03	
15436.440.5	Wafer Integration of Micro-Optics	10/351710	27-Jan-03	
15436.440.6	System and Methods Using Migration Enhanced Epitaxy For Film	10/352283	27-Jan-04	
15436.440.7	Connected Optical Component Misaligned Detection System	10/430941	7-May-03	
15436.440.8	VCSEL Mode-Transforming Phase Filter With Enhanced Performance	10/436089	13-May-03	

**Exhibit B**  
**Patents and Patent Applications Subject to Revocation and Substitute Power of Attorney**

15436.440.9	Integrated Sleeve Pluggable Package	10/453307	3-Jun-03		
15436.441.1	Compact Package Design for Vertical Cavity Surface Emitting Laser	10/607982	30-Jun-03		
15436.441.10	Tunnel Junction Utilizing GAPSB, ALCAPSB	10/697028	31-Oct-03		
15436.441.11	Modulation Doped Tunnel Junction	10/705906	14-Nov-03		
15436.441.2	High Speed Optical System	10/610258	30-Jun-03		
15436.441.3	A Lens Optical Coupler	10/612660	2-Jul-03		
15436.441.4	Pseudomorphic Layer in Tunnel Junction VCSEL	10/611992	30-Jul-03		
15436.441.5	An Optical Coupling System	10/620489	16-Jul-03		
15436.441.6	Coupler Having Reduction of Reflections to Light Source	10/620512	18-Jul-03		
15436.441.7	Optical Coupling System	10/622042	17-Jan-03		
15436.441.8	Edge Bead Control Method and Apparatus	10/623351	18-Jul-03		
15436.441.9	Long Wavelength VCSEL Device Processing	10/687660	29-Oct-03		
15436.431.1	Optical Connector Configured to Facilitate Active Alignment of a Photoelectric Device With an Optic Fiber	07/516785	17-Jul-92	5231686	27-Jul-93
15436.431.2	Emitting With Structures Located at Positions Which Prevent Certain Disadvantageous Modes and Enhance Generation of Light in Advantageous Modes	07/609270	6-Jul-92	5264715	23-Nov-93
15436.431.3	Inhibited Laser Power Monitor	09/175016	29-Dec-93	5475701	
15436.431.4	Multi-Gigahertz Frequency-Modulated Vertical-Cavity Surface Emitting Laser	09/476865	7-Jun-95	5574738	12-Nov-96
15436.431.5	Light Source Monitor With Compensated Tracking Ratio	09/739471	28-Oct-96	5737348	7-Apr-98
15436.431.6	Self Limiting Intrinsically Eye-Safe Laser Utilizing an Increasing Absorption Layer	09/683277	18-Jul-96	5745515	23-Apr-98
15436.431.7	Current Confinement For a Vertical Cavity Surface Emitting L	09/671995	28-Jun-96	5767674	9-Jun-98
15436.431.8	Filamented Multi-Wavelength Vertical Cavity Surface Emitting Laser	09/734403	16-Oct-96	5774487	30-Jun-98
15436.431.9	Semiconductor Device With a Laser and a Photodetector in a Common Container	09/687701	28-Jul-96	5799030	25-Aug-98
15436.431.10	Apparatus For Determining the Effect of Modal Noise on a Communicating System by Flexing an Optical Fiber	09/743367	4-Nov-96	5805318	8-Sep-98
15436.431.11	Lens For a Semi-Conductor Device With a Laser and Photodetector	09/686995	26-Jul-96	5812518	22-Sep-98

**Exhibit B**  
**Patents and Patent Applications Subject to Revocation and Substitute Power of Attorney**

15436.431.12	Apparatus For Determining the Effect of Modal Noise on a Communication System by Affecting an Optical Fiber Discontinuity	08/743369	4-Nov-96	5841915	24-Nov-98
15436.431.13	Fabrication of Vertical Cavity Surface Emitting Laser With Current Confinement	08/843116	28-Apr-97	5893722	13-Apr-99
15436.431.14	Laser With Selectively Changed Current Confining Layer	08/812620	6-Mar-97	5903588	11-May-99
15436.431.15	Laser With an Improved Mode Control	08/674230	28-Jun-96	5940422	17-Aug-99
15436.431.16	Monolithic Vertical Cavity Surface Emitting Laser And Resonant Cavity Photodetector Transceiver	08/736803	25-Oct-95	5978401	2-Nov-99
15436.432.1	Resonant Reflector For Improved Optoelectronic Device Performance and Enhanced Applicability	08/872534	11-Jun-97	6055262	25-Apr-00
15436.432.2	Bandgap Isolated Light Emitter	08/889734	12-Dec-97	6084683	18-May-00
15436.432.3	Vertical Cavity Surface Emitting Laser Having Intensity Control	09/001894	31-Dec-97	6069905	30-May-00
15436.432.4.1	Flexible Optic Connector Assembly	09/134229	14-Aug-98	6069991	30-May-00
15436.432.4.2	Flexible Optic Connector Assembly	09/135412	14-Aug-98	6088498	11-Jul-00
15436.432.4.3	Flexible Optic Connector Assembly	09/268191	19-Mar-99	6404960	11-Jun-02
15436.432.5	Method For Controlling the Operation of a Laser	08/813751	7-Mar-97	6078601	20-Jun-00
15436.432.6	Fiber Optic Header With Integrated Power Monitor	09/119089	20-Jul-98	6081638	27-Jun-00
15436.432.7	Active Device Receiptacle	08/864039	13-Jun-96	6086283	11-Jul-00
15436.432.8	Chip-To-Interface Alignment	09/052843	31-Mar-98	6095697	1-Aug-00
15436.433.1	Flexible Hermetic Sealing	08/995690	22-Dec-97	6194789	27-Feb-01
15436.433.2	Fiber Optic Header For an Edge Emitting Laser	09/119273	20-Jul-98	6205274	20-Mar-01
15436.433.3	Vesel Structure Insensitive to Mobile Hydrogen	08/989731	12-Dec-97	6256333	3-Jul-01
15436.433.3.1	Vesel Structure Insensitive to Mobile Hydrogen	09/019029	30-Nov-00	6459719	1-Oct-02
15436.433.3.2	Vesel Structure Insensitive to Mobile Hydrogen	09/019024	30-Nov-00	6522680	18-Feb-03
15436.433.4	Coupled Cavity Anti-Guided Vertical Cavity Surface-Emitting Laser	09/387424	31-Aug-99	6411638	25-Jun-02
15436.433.5	Method and System For Versatile Optical Sensor Package	09/607048	30-Jun-00	6465774	15-Oct-02
15436.433.6	Metamorphic Long Wavelength High Speed Photodiode	09/768787	22-Jan-01	6558973	6-May-03
15436.434.1	Integration of Top-Emitting and Top-Illuminates Optoelectron Integrated Circuit Devices	09/724249	28-Nov-00	6585776	1-Jul-03
15436.434.2	Method and Apparatus For Hermetically Sealing Photonic Devices	09/224210	30-Dec-98	6588949	8-Jul-03
15436.434.3	Mechanical Stabilization of Lattice Mismatched Quantum Wells	09/217223	21-Dec-98	6603784	5-Aug-03
15436.434.4	Graded Thickness Optical Element and Method of Manufacture Therefor	09/975299	10-Oct-01	6806199	12-Aug-03

EXPRESS MAIL LABEL NO. EV 533104231 US

PATENT  
Docket No.: 15436.441.9

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Biard, et al.

RECEIVED  
CENTRAL FAX CENTER

SEP 06 2005

Serial No.: 10/697,660

) Art Unit  
) 1765

Confirmation No.: 8412

Filed: October 29, 2003

For: LONG WAVELENGTH VCSEL DEVICE  
PROCESSING

Examiner: Unassigned

CHANGE OF ATTORNEY DOCKET NUMBERCommissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

For convenience and ready identification of the papers received in connection with the above-identified patent application, please reference in all future communications my Docket No. 15436.441.9.

All correspondence and telephonic communications should be directed to:

ERIC L. MASCHOFF  
022913  
Customer Number  
Telephone: (801) 533-9800  
Facsimile: (801) 328-1707

DATED this 1 day of July, 2004.

Respectfully submitted,



R. BURNS ISRAELSEN  
Attorney for Applicant  
Registration No. 43,685  
Customer No. 022913

RBI:kk  
KKK0000003582V001



EV 533104231 US

Mailing Label  
Label 1-P June 2002

UNITED STATES POSTAL SERVICE®

Post Office To Addressee

ORIGIN (POSTAL USE ONLY)			DELIVERY (POSTAL USE ONLY)		
PO ZIP Code	Day of Delivery <input type="checkbox"/> Next <input type="checkbox"/> Second	Flat Rate Envelope <input type="checkbox"/>	Delivery Attempt	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Date In Mo. Day Year	<input type="checkbox"/> 12 Noon <input type="checkbox"/> 3 PM	Postage \$	Delivery Attempt	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Time In <input type="checkbox"/> AM <input type="checkbox"/> PM	<input type="checkbox"/> 1st Day <input type="checkbox"/> 2nd Day	Return Receipt Fee	Delivery Date	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Weight Lb. Oz.	INT Alpha Country Code	COD Fee Insurance Fee			
No Delivery <input type="checkbox"/> Weekend <input type="checkbox"/> Holiday	Acceptance Clerk Initials	Total Postage & Fees \$			
METHOD OF PAYMENT Express Mail Corporate Acct. No. <b>1843279</b>			Federal Agency Acct. No. or Postal Service Acct. No.		
FROM: (PLEASE PRINT) WORKMAN NYDEGGER 60 E SOUTH TEMPLE STE 1000 EAGLE GATE TOWER SALT LAKE CITY UT 84111-1011 USA L 15436 441-9			TO: (PLEASE PRINT) MAIL STOP COMMISSIONER OF PATENTS PO BOX 1450 ALEXANDRIA VA 22313-1450		
PLEASE PRINT You did not affix a postage stamp FOR PICKUP OR TRACKING CALL 1-800-222-1811 www.usps.com					

TO THE UNITED STATES PATENT AND TRADEMARK OFFICE:  
PLEASE STAMP AND RETURN. THANK YOU.

SUBMITTED: Transmittal Letter (2 pgs); Revocation and Substitute Power of Attorney with Exhibits A & B (15 pgs); Change of Attorney Docket Number (2 pgs); postcard; and Certificate of Express Mailing Label No. EV 533104231 US

Applicant(s): Biard, et al.  
For: LONG WAVELENGTH VCSEL DEVICE PROCESSING  
Serial No.: 10/697,660  
Filed: October 29, 2003  
Date of Mailing: July 1, 2004  
Docket: 15436.44119  
Contact: ERIC L. MASCHOFF  
(801) 533-9800



RECEIVED  
CENTRAL FAX CENTER

FILED VIA FACSIMILE

SEP 06 2005

PATENT APPLICATION  
Docket: 15436.441.9

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of		)
		)
	James R. Biard et al.	)
		)
Serial No.:	10/697,660	) Art Unit
		) 1765
Filed:	October 29, 2003	)
		)
For:	LONG WAVELENGTH VCSEL DEVICE PROCESSING	)
		)
Confirmation No.:	8412	)
		)
Customer No.:	022913	)
		)
Examiner:	Duy Vu Nguyen Deo	)

CERTIFICATE OF FACSIMILE TRANSMISSION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

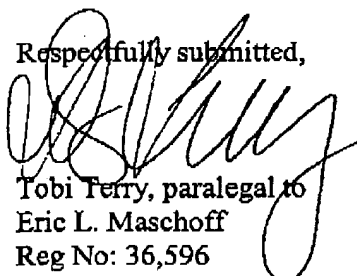
Sir:

I hereby certify that the following documents are being transmitted via facsimile at facsimile number (703) 872-9306 to the Patent and Trademark Office on the date shown below.

- Transmittal for **Resubmitted** Revocation and Substitute Power of Attorney and Change of Attorney Docket Number (2 pgs); and
- Copy of Revocation and Substitute Power of Attorney and Change of Attorney Docket Number as originally submitted on July 1, 2004 (21 pgs).

Dated this 6<sup>th</sup> of September, 2005.

Respectfully submitted,



Tobi Ferry, paralegal to  
Eric L. Maschoff  
Reg No: 36,596  
Customer No. 022913

TAT0000001450V001